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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number
09/943,190

Filing Date
August 29, 2001

First Named Inventor
Kristy A. Campbell

Group Art Unit
2818

Examiner Name
Unassigned

Attorney Docket Number
MI22-1668

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OCT 1 2001

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Firm or Individual name	Mark S. Matkin; Wells, St. John, Roberts, Gregory & Matkin
Signature	
Date	10-19-01

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Serial No. 103,723 09/943,190
Filing Date August 29, 2001
Inventor TECHNOLOGY CENTER 2000 Kristy A. Campbell, et al.
Assignee Micron Technology, Inc.
Group Art Unit 2818
Examiner Unassigned
Attorney's Docket No. MI22-1668
Title: Method of Forming Non-Volatile Resistance Variable Devices, Method of Forming a Programmable Memory Cell of Memory Circuitry, and a Non-Volatile Resistance Variable Device

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

References -- See Attached Form PTO-1449

In compliance with 37 C.F.R. §§ 1.56, 1.97 and 1.98, your attention is directed to the United States patents and other references listed on the attached Form PTO-1449, and copies of which are attached. No admission is made regarding whether all the submitted references are prior art.

This Information Disclosure Statement is being filed within three months of the filing date of the application or before the mailing of a first Office Action, whichever occurs last. Therefore, no fee is believed to be required. However, in the event that a fee is required for filing this Information Disclosure Statement, please charge the fee specified under 37 C.F.R. §1.17(p) to Deposit Account No. 23-0925. Please credit Deposit Account No. 23-0925 with any overpayment of the above fee.

Citation of these references is respectfully requested.

Respectfully submitted,

Dated: 10-19-01

By: 
Mark S. Matkin
Reg. No. 32,268

<p style="text-align: center;">JAN 02 2002</p> <p>U. S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p> <p>PATENT & TRADEMARK LIST CITED BY APPLICANT (Use several sheets if necessary)</p>					ATTY. DOCKET NO. MI22-1668		SERIAL NO. 09/943,190		
					APPLICANT Kristy A. Campbell				
					FILING DATE August 29, 2001		GROUP 2818		
<p>U. S. PATENT DOCUMENTS</p> <p style="text-align: right;">TECHNIC 11/2000</p>									
*Examiner Initial		Document Number	Date	Name		Class	Subclass	Filing Date If Appropriate	
	AA	09/797,635		Moore				03/01/2001	
	AB	09/732,968		Gilton				12/08/2000	
	AC	09/943,199		Campbell, et al.				08/29/2001	
	AD	09/943,187		Campbell, et al.				08/29/2001	
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	AF	5,238,882	08/24/93	Blalock et al.					
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	AH	5,781,115	06/02/98	Kozicki et al.					
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	AJ	5,914,893	06/22/99	Kozicki et al.					
	AK	6,084,796	07/04/00	Kozicki et al.					
<p>FOREIGN PATENT DOCUMENTS</p>									
		Document Number	Date	Country		Class	Subclass	Translation	
								Yes	No
	AL								
	AM								
	AN								
	AO								
	AP								
<p>OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)</p>									
	AR		Hirose, et al., "High Speed Memory Behavior and Reliability of an Amorphous As ₂ S ₃ Film Doped with Ag", July 17, 1980, pps. K187-K190.						
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			induced phenomena of both systems", Journal of Applied Physics, 79, June 1996, pps. 9096-9104.						
EXAMINER					DATE CONSIDERED				
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>									

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U.S. PATENT DOCUMENTS

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	AA						
	AB						
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							Yes	No
	AL							
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	AO							
	AP							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

	AR		Kluge, et al., "Silver photodiffusion in amorphous Ge _x Se _{100-x} ". Journal of Non-Crystalline Solids 124 (1990) pp. 186-193.				
	AS		Kolobov, A.V., "Photodoping of amorphous chalcogenides by metals". Advances in Physics, 1991, Vol. 40, No. 5, pp. 625-684.				
	AT		Mitkova, et al. "Dual Chemical Role of Ag as an Additive in Chalcogenide Glasses". Physical Review Letters, Vo.. 83, No. 19, pp. 3848-3851.				

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	AL							
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	AN							
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)								
	AR		Mitkova, "Insulating and Semiconducting Glasses", Editor: P. Boolchand, World Scientific, New Jersey, 2000, pp. 813-843.					
	AS		Axon Technologies Corporation, TECHNOLOGY DESCRIPTION: <i>Programmable Metallization Cell (PMC)</i> ,					
			(pre-July 7, 2000) pp. 1-8.					
	AT		Shimakawa et al., <i>Photoinduced effects and metastability in amorphous semiconductors and insulators</i> ,					
			44 ADVANCES IN PHYSICS No. 6, 475-588 (Taylor & Francis Ltd. 1995)					
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